

ABSTRACT OF THE DISCLOSURE

An exhaust gas purifying system (1) having a continuous regeneration DPF (3) installed in the exhaust passage (2) of a diesel engine (E) provided with a glow plug and a regeneration control means for regenerating the continuous regeneration DPF (3), is constituted so that the regeneration control means performs retarded injection or post-injection in the control of fuel injection into a cylinder (13) and heating the inside of the cylinder (13) by the glow plug (16) for regenerating the continuous regeneration DPF (3).

Thereby, when raising the temperature of exhaust gas in the regeneration of the continuous regeneration DPF (3), it is possible to prevent the generation of white fumes and misfire and to raise the exhaust gas temperature efficiently and substantially. Therefore, it is possible to prevent the temperature of a catalyst and a DPF from being abnormal high and to prevent the deterioration and the melt down of the catalyst.